



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

DAVID P. LITTELL
COMMISSIONER

McCain Foods USA, Inc.)
Aroostook County)
Easton, Maine)
A-436-70-D-A)

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #3**

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	McCain Foods USA, Inc. (McCain)
PART 70 LICENSE NUMBER	A-436-70-A-I
LICENSE TYPE	Part 70 Section 502(b)(10) Change
NAICS CODE	311411
NATURE OF BUSINESS	Frozen Potato Products
FACILITY LOCATION	Easton, Maine
DATE OF INITIAL LICENSE ISSUANCE	December 2, 2004
DATE OF AMENDMENT #2 ISSUANCE	October 21, 2008
LICENSE EXPIRATION DATE	December 2, 2009

1. McCain Foods USA, Inc. (McCain) of Easton, Maine was issued their initial Part 70 Air Emission License A-436-70-A-I on December 2, 2004, permitting the operation of emission sources associated with their potato processing facility. McCain was issued Amendment #1, on April 13, 2006; to install two new boilers designated Boilers #8 and #9 that replaced Boilers #2 and #3. The new boilers have a maximum design heat input capacity of 49.5 MMBtu/hr (330 gal/hr) each. Amendment #2, issued July 26, 2006, allowed McCain to install and operate an energy recovery system (ERS) on their Prime 2 Fryer line (prime/batter fryer).
2. McCain is requesting a Part 70 Section 502(b)(10) Change. McCain has requested to remove Boilers #1 and #4 from its air emissions license.

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 760-3143

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B. Application Classification

The application for McCain does not include the licensing of increased emissions or cause emissions of any pollutant not previously licensed. The request by McCain does not cause emissions in excess of the standards in the permit (whether expressed therein as a rate of emissions or in terms of total emissions) and therefore qualifies as a 502(b)(10) of the Clean Air Act.

II. DESCRIPTION OF SECTION 502(B)(10) CHANGE

A. Removal of Boilers #1 and #4

McCain has requested to eliminate Boilers #1 and #4 from operation at the Easton plant. As of March 24, 2008, McCain permanently discontinued operation of these boilers, no other changes are being proposed to the existing equipment or operations.

Removal of Boilers #1 and #4 from the license will result in a significant decrease in potential air emissions. Elimination of these boilers will result in a reduction of all criteria pollutants, including sulfur dioxide (SO₂), nitrogen oxides (NO_x), carbon monoxide (CO), particulate matter (PM/PM₁₀), and volatile organic compounds (VOCs). Potential SO₂ emissions will be reduced by more than 750 tons per year (tons/yr), NO_x emissions by more than 150 tons/yr, PM/PM₁₀ emissions by more than 70 tons/yr. The following table summarizes the revised potential annual facility-wide emissions (used to calculate the license fee) for the Easton plant following removal of Boilers #1 and #4 from the air emissions license.

Facility Emissions

Total Licensed Annual Emissions for the Facility (Tons/year)
(used to calculate the license fee)

<u>Equipment</u>	<u>PM</u>	<u>PM₁₀</u>	<u>SO₂</u>	<u>NO_x</u>	<u>CO</u>	<u>VOC</u>
Boiler #5	34.6	34.6	224.3	129.6	69.2	3.7
Boiler #8	17.4	17.4	189.2	71.6	17.4	1.8
Boiler #9	17.4	17.4	130.2	71.6	17.4	1.8
Fryers	63.9	63.9	--	--	--	--
Dryers	41.2	41.2	--	--	--	--
Biogas Flare	--	--	83.8	--	--	--
Fire Pump	0.1	0.1	0.1	1.1	0.2	0.1
Emrg diesel gen	0.1	0.1	0.1	1.8	0.4	0.1
TOTALS (TPY)	174.7	174.7	627.7	275.7	104.6	7.5

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All specific conditions pertaining to Boilers #1 and #4 in McCain's air emission license will no longer be in effect upon issuance of this amendment. Based on the information submitted by McCain, the Department approves McCain's request to change its Part 70 air license by eliminating Boilers #1 and #4.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards, or increment standards either alone or in conjunction with emissions from other sources.

The Department hereby grants this Part 70 Section 502(b)(10) amendment, subject to the conditions found in Part 70 Air Emission License A-436-70-A-I, subsequent amendments, and to the following conditions:

NEW CONDITIONS

(1) The following conditions are new to Air Emissions License, A-436-70-A-I.

- (37) McCain's Boilers #1 and #4 are permanently dismantled and will no longer be allowed to operate. Therefore these units are removed from the facility's air license; specifically Condition (14) of Air Emissions License, A-436-70-A-I, is removed per this license amendment.

DONE AND DATED IN AUGUSTA, MAINE THIS 21st DAY OF October 2008.
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: James P. Brooks Jr.
DAVID P. LITTELL, COMMISSIONER

The term of this 502(B)(10) Change shall be concurrent with the term of Air Emission License A-436-70-A-I.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: March 13, 2008

Date of application acceptance: March 27, 2008

Date filed with Board of Environmental Protection: _____

This Order prepared by Edwin Cousins, Bureau of Air Quality



